

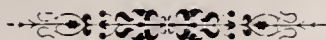
DETAILS

OF THE

INDUSTRIAL SPECIMENS



BY

The Bureau of Commerce and Industry,
Department of Agriculture and
Commerce, Japan.



PRINTED BY M. ŌNUKI, TOKYO.

1893.



DETAILS

OF THE

INDUSTRIAL SPECIMENS

EXPOSED AT

THE WORLD'S COLUMBIAN EXPOSITION

BY

The Bureau of Commerce and Industry,
Department of Agriculture and
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DETAILS

OF THE

INDUSTRIAL SPECIMENS.

SPECIMENS OF ENVELOPES, NOTE-PAPER AND FORDED PAPER.

(H. Department, Group 89, Class 560.)

The envelopes and note-papers should be of strong nature, the papers manufactured at the Imperial Printing Bureau are strong and best suited for export purposes. The drawings and figures impressed upon them are in the newest style, much appreciated by the customers. The following arrangement will show that they are done by the noted painters.

Folded-papers are used in ceremonies and in sending presents from time immemorial. The different varieties are much more than shown here. In the present days, they are used in wrapping small articles and the way in which they are used in wrapping small articles and the way in which they are used is quite many.

TABLE OF ENVELOPES AND NOTE-PAPERS.

SYMBOL.	NUMBER.	VALUE OF ONE THOUSAND LEAVES.	SYMBOL.	NUMBER.	VALUE OF ONE THOUSAND LEAVES.
A	From No. 1 to No. 6	Yen. 8.25	M	From No. 1 to No. 6	4.100
B	„ No. 1 „ No. 7	9.35	N	„ No. 1 „ No. 6	5.500
C	„ No. 1 „ No. 7	8.25	O	„ No. 1 „ No. 6	7.700
D	„ No. 1 „ No. 6	9.35	P	„ No. 1 „ No. 7	8.250
E	„ No. 1 „ No. 8	8.80	Q	„ No. 1 „ No. 5	6.600
F	„ No. 1 „ No. 6	8.25	R	„ No. 1 „ No. 5	7.150
G	„ No. 1 „ No. 6	5.15	S	„ No. 1 „ No. 5	6.050
H	„ No. 1 „ No. 4	6.05	T	„ No. 1 „ No. 5	6.600
I	„ No. 1 „ No. 6	6.05	U	„ No. 1 „ No. 5	4.950
J	„ No. 1 „ No. 5	12.50	V	„ No. 1 „ No. 5	5.500
K	„ No. 1 „ No. 6	5.50	W	„ No. 1 „ No. 5	10.450
L	„ No. 1 „ No. 6	6.60	X	„ No. 1 „ No. 5	11.000

TABLE OF THE FORDINGS.

NUMBER.	NAMES.	VALUE ON EACH 100 LEAVES.
1	Genjō Mochi Fold.. .. .	Yen. 4.000
2	Hōzuki Fold	4.000
3	Genjō Mochi Fold.. .. .	4.000
4	Heishi Mechō	4.000
5	Incense Spoon, and Tong Fold	4.000
6	Salt Fold	4.000
7	Fan Fold	4.000
8	Semmai Fold	3.000
9	Incense fold	3.000
10	Kaorimono Fold	3.000
11	Incense Label Fold	4.000
12	Hawk Bill Fold	4.000
13	Incense Fold	4.000
14	Heishi Ochō	4.000
15	Incense Fold	4.000
16	Incense Spoon, and Tong Fold	4.000
17	Floval Fold.. .. .	4.000
18	Gold Fold	3.000
19	Coloured Papar Fold	4.000
20	Genjō Mochi Fold.. .. .	4.000
21	Hōzuki Fold	4.000
22	Incense Fold	3.000

COLLECTION OF NASHIJI.

(H. Department, Group 90, Class 567.)

Nashiji is the name given to one kind of gold lacquerings, principally applied to the inner side of boxes and under side of tables. There are many varieties and the difference in price is also great. At one sight the appearance being almost alike, and in transaction it is sometimes indiscriminately dealt with, causing disadvantages to both sides. Here the class and price are minutely shown.

TABLE OF THE VALUE AND VARIETIES OF NASHIJI.

[From No. 1 to 29 is gold, from 20 to 42 is silver, and from 43 to Upward is tin.]

No.	NAMES.	VALUE (each 1 Shū sq)
		Yen.
1	Yakikin Gyōbu Nashiji	0.4600
2	Yakikin Daiichi Nashiji	0.1287
3	Yakikin Daini Nashiji	0.1287
4	Yakikin Daisan Nashiji	0.1178
5	Yakikin Kanoko Nashiji	0.1560
6	Yakikin Tamamura Nashiji	0.0850
7	Yakikin Kuno Nashiji	0.0850
8	Yakikin Kasumi Nashiji	0.0850
9	Yakikin Kirihaku Moyōiri Nashiji	0.3705
10	Yakikin Tsune no san Nashiji	0.2106
11	Yakikin Daisan no chū Nashiji	0.0632
12	Yakikin Shōsan no chū Nashiji	0.0577
13	Yakikin Daini Hirame Nashiji	0.2680
14	Yakikin Daidai ichi Okihirame Nashiji	0.7528
15	Yakikin Tsunenosan Makihirame Nashiji	0.6276
16	Yakikin Daisan Okihirame Nashiji	0.7631
17	Yakikin Shōsan Makihirame Nashiji	0.5174
18	Kobankin Tsune no san Nashiji	0.5460
19	Kobankin Shōsan Nashiji	0.4420
20	Kobankin Gyōbu Nashiji	0.3900
21	Kobankin Daiichi Nashiji	0.1025
22	Kobankin Daini Nashiji	0.1027
23	Kobankin Daisan Dzunme Nashiji	0.0975
24	Kobankin Kuno Nashiji	0.0715
25	Kobankin Tamamura Nashiji	0.0715
26	Kobankin Kasumi Nashiji	0.0715
27	Kobankin Daisan no chū Nashiji	0.0559
28	Kobankin Shōsan no chū Nashiji	0.0507
29	Gin Gyōbu Nashiji	0.1105
30	Gin Daiichi Okihirame Nashiji	0.1430
31	Gin Daisan Okihirame Nashiji	0.2015
32	Gin Daini Okihirame Nashiji	0.0877
33	Gin Daisan Makihirame Nashiji	0.0585
34	Gin Tsune no san Makihirame Nashiji	0.0585
35	Gin Shōsan Makihirame Nashiji	0.0520
36	Gin Kanoko Nashiji	0.0936
37	Gin Daisan Dzunme Nashiji	0.0260
38	Gin Kuno Nashiji	0.0240
39	Gin Tamamura Nashiji	0.0240
40	Gin Kasumi Nashiji	0.0240
41	Gin Daisan no chū Nashiji	0.0221
42	Gin Shōsan no chū Nashiji	0.0214
43	Suzu Tsune Nashiji	0.0071
44	Suzu Momiji Moyōiri Nashiji	0.0137
45	Suzu Kuno Nashiji	0.0134
46	Suzu Kasumi Nashiji	0.0134
47	Suzu Tamamura Nashiji	0.0134
48	Suzu Chū Nashiji	0.0068

COLLECTION OF METAL WORKS.

(H. Department, Group 93, Class 585.)

The art of alloying is very skilful in Japan from ancient times. There are many rare mixtures such as Shakudō (Nos. 21, 22, 23 and others) and Shibuichi (Nos. 24, 25, 26 and others), which are never known in Europe. Coloring has also a special nature, which shows and imparts beautiful appearance to the single or alloyed metals, as shown in No. 21 and upwards. With chisel and file in numerable figures are produced on it, as shown from No. 1.—No. 20.

No.	NAMES.	VALUE (1 sun sq.)
		Yen.
1	Yakikin No. 1 Nanako	7.425
2	Shakudō No. 1 Nanako	1.700
3	Silver and Shakudō Scale-figured No. 3 Nanako ..	2.625
4	Gold-gilded on Silver No. 4 Nanako	3.845
5	Shakudō and Shibuichi Ishidatami No. 5 Nanako	2.500
6	Scarlet Copper No. 6 Nanako	1.000
7	Shibuichi Nijiu Nanako	1.275
8	Yakikin Botau Yujō	6.575
9	Shakudō Tate Yujō	1.250
10	Gindama Tsuki Yujō	1.660
11	Shakudō Shibagaki Yujō	1.300
12	Gold-gilded on silver stripe inlaid Yujō	1.980
13	Gold-gilded on silver Nami Yujō	1.930
14	Silver Nata Ishime	1.730
15	Shakudō Grape Ishime	1.200
16	Gold-gilded on Silver Chidori Ishime	1.930
17	Shakudō Oresaki Ishime	1.150
18	Shibuichi Chidori Ishime	0.725
19	Gold-gilded on Silver Nata Ishime	1.930
20	Brass Chidori Ishime	0.350
21	No. 1 Shakudō	1.550
22	No. 2 Shakudō	0.990
23	No. 3 Shakudō	0.710
24	No. 1 Shibuichi	1.128
25	No. 2 Shibuichi	0.926
26	No. 3 Shibuichi	0.522
27	Scarlet Copper	0.150
28	Brass	0.160
29	Kurumi Copper	0.150
30	Su Copper	0.140
31	Nashiji Copper	0.350
32	Brass	0.160
33	Kurumi Copper and Su Copper Mokume ..	0.750
34	Silver and Shakudō Mokume	1.150
35	Shakudō Scarlet-coloured Mokume	0.350
36	No. 1 Kawari Copper	0.160
37	No. 2 Kawari Copper	0.160
38	No. 3 Kawari Copper	0.160
39	No. 4 Kawari Copper	0.160
40	Wrought-iron Rust Colouring	0.180

VARIOUS STAGES IN THE MANUFACTURE OF CLOISONNÉ.

(H. Department, Group 93, Class 586.)

In the manufacture of cloisonnés sixteen stages are to be passed. No. 1 shows the pattern, No. 2 cells laid on groundwork, No. 3 solders pasted over, No. 4 solders heated, No. 5 enamel laid for the first time, No. 6 burnt for the first time, No. 7 enamel laid for the second time, No. 8 burnt for the second time, No. 9 enamel laid for the third time, No. 10 burnt for the third time, No. 11 enamel for the fourth time, No. 12 burnt for the fourth time, No. 13 roughly polished, No. 14 last touch, No. 15 last burning, No. 16 complete finish.

THE DIFFERENT COLORING OF CLOISONNE.

(H. Department, Group 93, Class 586.)

According to the nature of paints, the tinges of colors, of course, differ. In order to represent figures in enamel, all sorts of colors are to be used. This is the main differently with the manufacture of cloisonné. The colors here shown are 360 kinds, all of which are used in the manufacture. As to the price it all depends upon the execution of design and amount of labour, so it could not be shown here.

SPECIMENS OF GOLD AND SILVER THREAD.

(H. Department, Group 100, Class 625.)

Gold and silver thread is one of the handiworks, which is never produced in Europe. Even in this country, the place of manufacture is limited to Kyoto. Accordingly the amount of produce is very small, yet to show the real golden

or silver colour in the fabrics, it is necessarily resorted to. In late years it found the way to foreign market, and begins to be exported. Some threads are very fine while others are large; the way they are used is quite many.

CATALOGUE OF THE GOLD AND SILVER THREAD.

No.	NAME.	SORT.	No. Two hundred times round a plank of 1 shaku 1 sun of kane measure make a Bundle	VALUE, Yen.
1	Gold-Thread.	(Yakiro fin Gold) Thread (with core of cotton thread).	8 Bu gake.	0.048
2	"	"	1 gake.	0.053
3	"	"	1½ "	0.058
4	"	"	2 "	0.064
5	"	"	2½ "	0.075
6	"	"	3 "	0.085
7	"	"	4 "	0.095
8	"	"	5 "	0.105
9	"	"	6 "	0.115
10	"	"	7 "	0.125
11	"	"	8 "	0.135
12	"	"	9 "	0.145
13	"	"	10 "	0.155
14	"	"	12 "	0.180
15	"	"	Muzu.	0.210
16	"	"	Omuzu.	0.240
17	"	"	(Daidai muzu.)	0.270
18	"	"	(Betsu muzu.)	0.300
19	"	"	(Betsu Omuzu.)	0.340
20	"	"	(Mare muzu.)	0.380
21	"	(Yaki hon Gold) Thread (with core of cotton thread).	8 Bu gake.	0.165
22	"	"	1-gake.	0.180
23	"	"	1½ "	0.200
24	"	"	2 "	0.240
25	"	"	2½ "	0.290
26	"	"	3 "	0.330
27	"	"	4 "	0.410
28	"	"	5 "	0.460
29	"	"	6 "	0.500
30	"	"	7 "	0.550
31	"	"	8 "	0.600
32	"	"	9 "	0.640
33	"	"	10 "	0.700
34	"	"	12 "	0.820
35	"	"	Muzu.	0.950

No.	NAME.	SORT.	No. Two hundred times round a plank of 1 shaku 1 sun of kane measure make a Bundle.	VALUE.
				Yen.
36	Gold-Thread.	(Mekomi hon Gold) Thread (with core) (of silk thread).	8 Bu gake.) One Bundle.	0.210
37	"	"	1 gake.	0.280
38	"	"	1½ "	0.320
39	"	"	2 "	0.390
40	"	"	2½ "	0.400
41	"	"	3 "	0.460
42	"	"	4 "	0.580
43	"	"	5 "	0.670
44	"	"	6 "	0.790
45	"	"	7 "	0.870
46	"	"	8 "	0.980
47	"	"	9 "	1.080
48	"	"	10 "	1.180
49	"	"	12 "	1.400
50	"	"	Muzu.	1.800
51	"	"	Omuzu.	2.100
52	"	(Ōaka hon Gold) Thread (with core) (of silk thread).	8 Bu gake.)	0 190
53	"	"	1 gake	0.250
54	"	"	1½ "	0.280
55	"	"	2 "	0.320
56	"	"	2½ "	0.360
57	"	"	3 "	0.400
58	"	"	4 "	0.500
59	"	"	5 "	0.570
60	"	"	6 "	0.680
61	"	"	7 "	0.780
62	"	"	8 "	0.860
63	"	"	9 "	0 970
64	"	"	10 "	1.070
65	"	"	12 "	1.230
66	"	"	{ Shin muzu. }	1.400
67	"	"	{ Shin ōmuzu. }	1.520
68	"	"	Omuzu.	1.730
69	"	(Tsune hon Gold) Thread (with core) (of cotton thread).	8 Bu gake. }	0.145
70	"	"	1 gake.	0.165
71	"	"	1½ "	0.185
72	"	"	2 "	0.210
73	"	"	2½ "	0.240
74	"	"	3 "	0.300
75	"	"	4 "	0.380
76	"	"	5 "	0.415
77	"	"	6 "	0.450
78	"	"	7 "	0.500

No.	NAME.	SORT.	No. Two hundred times round a plank of 1 shaku 1 sun of kane measure make a Bundle.	VALUE. Yen.
79	Gold-Thread.	{ Tsune hon Gold Thread (with core of silk thread). }	8 gake. } One Bundle.	0.540
80	"	"	9 "	0.570
81	"	"	10 "	0.620
82	"	"	12 "	0.710
83	"	"	Muzu.	0.850
84	"	"	Omuzu.	0.950
85	"	{ Fun Gold Thread (with core of cotton thread). }	8 Bu gake }	0.045
86	"	"	1 gake.	0.050
87	"	"	1½ "	0.055
88	"	"	2 "	0.060
89	"	"	2½ "	0.070
90	"	"	3 "	0.080
91	"	"	4 "	0.090
92	"	"	5 "	0.100
93	"	"	6 "	0.110
94	"	"	7 "	0.120
95	"	"	8 "	0.130
96	"	"	9 "	0.140
97	"	"	10 "	0.150
98	"	"	12 "	0.175
99	"	"	Muzu.	0.205
100	"	"	Omuzu.	0.230
101	"	"	{ Daidai muzu. }	0.260
102	"	"	{ Betsu muzu. }	0.290
103	"	"	{ Betsu omuzu }	0.330
104	"	"	{ Mare muzu. }	0.370
105	Hira Gold Thread.	{ Yaki hon Kin Ryōmen hira. }	{ Length, 1 shaku 5 sun 5 bu. Breadth, 2 shaku 7 sun. }	1.780
106	"	{ Tsuneiro hon Kin Ryōmen hira. }	"	1.520
107	"	{ Yaki hon Kin hon Gin Ryōmen hira. }	"	1.050
108	"	{ Fun Kin Ryō- men hira. }	"	0.310
109	"	{ Fun Kin hon Gin Ryōmen hira. }	"	0.300

No.	NAME.	SORT.	No. Two hundred times round a plank of 1 shaku 1 sun of kane measure make a Bundle.	VALUE. Yen.
110	Hira Gold Thread.	{ Hon Gin Ryō- } men hira. { Length, 1 shaku 5 sun 5 bn. Breadth, 2 shaku 7 sun. }	One Bundle.	0.296
111	"	{ Yaki hon Kin } hira. "	"	0.670
112	"	{ Tsuneiro hon } Kin hira. "	"	0.590
113	Silver Thread.	{ Hon Silver Thread } 8 Bu (with core of cotton } thread). gake. }	"	0.045
114	"	" 1 gake.	"	0.050
115	"	" 1½ "	"	0.055
116	"	" 2 "	"	0.060
117	"	" 2½ "	"	0.070
118	"	" 3 "	"	0.080
119	"	" 4 "	"	0.090
120	"	" 5 "	"	0.100
121	"	" 6 "	"	0.110
122	"	" 7 "	"	0.120
123	"	" 8 "	"	0.130
124	"	" 9 "	"	0.140
125	"	" 10 "	"	0.150
126	"	" 12 "	"	0.175
127	"	Muzu.	"	0.205
128	"	Omuzu.	"	0.230
129	"	{ Daidai } muzu. }	"	0.260
130	"	{ Betsu } muzu. }	"	0.290
131	"	{ Betsu } omuzu. }	"	0.330
132	"	{ Mare } muzu. }	"	0.370
133	{ Coloured Metal } Thread. }	Bronze Coloured. 8 Bu gake.	"	0.045
134	"	" 1 gake.	"	0.050
135	"	" 1½ "	"	0.055
136	"	" 2 "	"	0.060
137	"	" 2½ "	"	0.070
138	"	" 3 "	"	0.080
139	"	" 4 "	"	0.090
140	"	" 5 "	"	0.100
141	"	" 6 "	"	0.110
142	"	" 7 "	"	0.120
143	"	" 8 "	"	0.130
144	"	" 9 "	"	0.140
145	"	" 10 "	"	0.150
146	"	" 12 "	"	0.175

No.	NAME.	SORT.	No. Two hundred times round a plank of 1 shaku 1 sun of kane measure make a Bundle.	VALUE.
147	{ Coloured Metal Thread. }	Bronze Coloured .. Muzu.	One Bundle.	Yen. 0.205
148		.. " Ōmuzu.	"	0.230
149		.. " { Daidai Muzu. }	"	0.260
150		.. " { Betsu muzu. }	"	0.290
151		.. " { Betsu ōmuzu. }	"	0.330
152		.. " { Mare muzu. }	"	0.370
153	..	Red Coloured .. 8 Bu gake.	"	0.045
154 " 1 gake.	"	0.050
155 " 1½ "	"	0.055
156 " 2 "	"	0.060
157 " 2½ "	"	0.070
158 " 3 "	"	0.080
159 " 4 "	"	0.090
160 " 5 "	"	0.100
161 " 6 "	"	0.110
162 " 7 "	"	0.120
163 " 8 "	"	0.130
164 " 9 "	"	0.140
165 " 10 "	"	0.150
166 " 12 "	"	0.175
167 Muzu.	"	0.205
168 Ōmuzu.	"	0.230
169 { Daidai muzu. }	"	0.260
170 { Betsu muzu. }	"	0.290
171 { Betsu ōmuzu. }	"	0.330
172 { Mare muzu. }	"	0.370
173	..	Uguisu Iro 8 Bu gake.	"	0.045
174 " 1 gake.	"	0.050
175 " 1½ "	"	0.055
176 " 2 "	"	0.060
177 " 2½ "	"	0.070
187 " 3 "	"	0.080
179 " 4 "	"	0.090
180 " 5 "	"	0.100
181 " 6 "	"	0.110
182 " 7 "	"	0.120
183 " 8 "	"	0.130
184 " 9 "	"	0.140
185 " 10 "	"	0.150
186 " 12 "	"	0.175
187 Muzu.	"	0.205
188 Ōmuzu.	"	0.230

No.	NAME.	SORT.	No. Two hundred times round a plank of 1 shaku 1 sun of kane measure make a Bundle.	VALUE.
189	{ Coloured Metal Thread. }	Uguisu Iro.....	{ Daidai muzu. }	Yen. 0.260
190		"	{ Betsu muzu. }	0.290
191		"	{ Betsu ōmuzu. }	0.330
192		"	{ Mare muzu. }	0.370
193		Purple Coloured. 8 Bu gake.	"	0.045
194	"	" 1 gake.	"	0.050
195	"	" 1½ "	"	0.055
196	"	" 2 "	"	0.060
197	"	" 2½ "	"	0.070
198	"	" 3 "	"	0.080
199	"	" 4 "	"	0.090
200	"	" 5 "	"	0.100
201	"	" 6 "	"	0.110
202	"	" 7 "	"	0.120
203	"	" 8 "	"	0.130
204	"	" 9 "	"	0.140
205	"	" 10 "	"	0.150
206	"	" 12 "	"	0.175
207	"	Muzu.	"	0.205
208	"	Omuzu.	"	0.230
209	"	" { Daidai muzu. }	"	0.260
210	"	" { Betsu muzu. }	"	0.290
211	"	" { Betsu ōmuzu. }	"	0.330
212	"	" { Mare muzu. }	"	0.370
213	"	Blue Coloured .. 8 Bu gake.	"	0.045
214	"	" 1 gake.	"	0.050
215	"	" 1½ "	"	0.055
216	"	" 2 "	"	0.060
217	"	" 2½ "	"	0.070
218	"	" 3 "	"	0.080
219	"	" 4 "	"	0.090
220	"	" 5 "	"	0.100
221	"	" 6 "	"	0.110
222	"	" 7 "	"	0.120
223	"	" 8 "	"	0.130
224	"	" 9 "	"	0.140
225	"	" 10 "	"	0.150
226	"	" 12 "	"	0.175
227	"	Muzu.	"	0.205
228	"	Omuzu.	"	0.230
229	"	" { Daidai Muzu. }	"	0.260

No.	NAME.	SORT.	No. Two hundred times round a plank of 1 shaku 1 sun of kane measure make a Bundle	VALUE.	
230	{ Coloured Metal Thread. }	Blue Coloured. .	{ Betsu muzu. }	One Bundle.	Yen. 0.290
231		"	{ Betsu ōmuzu. }	"	0.330
232		"	{ Mare muzu. }	"	0.370
233		{ Yellow-green } { Coloured. }	.. 8 Bu gake.	"	0.045
234		"	1 gake.	"	0.050
235		"	1½ "	"	0.055
236		"	2 "	"	0.060
237		"	2½ "	"	0.070
238		"	3 "	"	0.080
239		"	4 "	"	0.090
240		"	5 "	"	0.100
241		"	6 "	"	0.110
242		"	7 "	"	0.120
243		"	8 "	"	0.130
244		"	9 "	"	0.140
245		"	10 "	"	0.150
246		"	12 "	"	0.175
247		"	Muzu.	"	0.205
248		"	ōmuzu.	"	0.230
249		"	{ Daidai. muzu. }	"	0.260
250		"	{ Betsu muzu. }	"	0.290
251		"	{ Betsu ōmuzu. }	"	0.330
252		"	{ Mare muzu. }	"	0.370

SPECIMENS OF ORNAMENTAL CORD-KNOTS.

(H. Department, Group 100, Class 632.)

The Cord-Knots were used from ancient time on literary as well as military articles, used in ornaments. Adding the beautiful appearance to the things to look upon, it would be suitable to be used on chairs, curtains and other things of furniture it will be quite an improvement. The specimens are open to the reference of visitors.

No.	NAME.	VALUE OF ONE.
		Yen.
1	Kamashiki Knots	0.675
2	Kiri Knots	0.200
3	Sweet Flag Knots	0.300
4	Keman Knots	0.180
5	Tobutsu Two-fold Net Knots	0.300
6	Kojima Kesa Knots	0.440
7	Crysanthemum flower Knots	0.450
8	Cherry blossom Knots	0.180
9	Sangai matsn Knots	0.200
10	Mokukwagata Knots	0.375
11	Agemaki Doshin Knots	0.375
12	Takara Knots	0.375
13	Kokiu Neo Knots	0.450
14	Haorio Knots	0.150
15	Katabami Knots	0.150
16	Tea-pots Chichio Knots	0.195
17	Round Fan shaped Knots	0.270
18	Tobutsu Butterfly Knots	0.120
19	Kake Knots	0.120
20	Kano Knots	0.225
21	Kakaobi Knots	0.225
22	Chiatsubo-o Knots	0.180
23	Nadeshiko Knots	0.300
24	Rokuyo Knots	0.450
25	Female Tobutsu Tori Knots	0.180
26	Male	0.180
27	Mosquito-nets Suspension Cord Knots	0.180
28	Mitsu Awaji Knots	0.270
29	Dragon Fly shaped Knots	0.180
30	Kikyo Flower Knots	0.225
31	Chatsubo Chichio Knots	0.225
32	Hoop Knots.. .. .	0.225
33	Hiogi Knots	0.195
34	Shippo Knots	0.195
35	Masquito-net Suspension Cord Knots	0.180
36	Yukimochi Zasa Knots	0.300
37	Dragon Fly Knots.. .. .	0.225
38	Sweet Flag Knots.. .. .	0.225
39	Dragon Fly Knots.. .. .	0.300
40	The Morning Glory Flower Knots	0.225
41	Cicada Knots	0.180
42	Tortoise Knots	0.300
43	Asao Knots.. .. .	0.150
44	Mokko Knots	0.225
45	Chatsubo Nagao Knots	0.300
46	Okina Knots	0.270
47	Lily Flower Knots	0.300
48	Omoi Knots	0.150
49	Tobutsu Butterfly Knots	0.270
50	Crane Knots	0.225
51	Omogai Knots	0.150
52	Tōbutsu Butterfly Knots	0.450
53	Yaye Kikyō Knots	0.420
54	Omoi Knots	0.300

No.	NAME.	VALUE OF ONE.
		Yen.
55	Bird Knots	0.180
56	Sazanka Knots	0.150
57	Tobutsu Takara Knots	0.225
58	Kuyō Knots	0.525
59	Shirikai Knots	0.150
60	Arai Kitsuwa Hanakawa Knots	0.180
61	Muchi-no-o Knots	0.120
62	Kusafuji Knots	0.330
63	Chatsubo Chichi-o Knots	0.150
64	Chatsubo Chichi-o Knots	0.270
65	Suwo Munehimo Knots	0.150
66	Sasa-no-ha Knots	0.150
67	Tobutsu-Kiku Knots	0.375
68	Matsu Knots	0.150
69	Fuji Flower Knots	0.420
70	Yae Chrysanthemum Knots	0.300
71	Plum-tree Flower Knots	0.225
72	Fuji Knots	0.180
73	Hokkeshiū Kesa Knots	0.600
74	Doshin Knots	0.090
75	Nagao Knots	0.150
76	Futatsuba Knots	0.225
77	Azuma Knots	0.150
78	Chatsubo Chichi-o Knots	0.300
79	Fuji Knots	0.300
80	Tsubaki Flower Knots	0.300
81	Usagi Kashira Knots	0.120
82	Tobutsu Chrysanthemum Flower Knots	0.330
83	Hojiū Knots	0.150
84	Agemaki Knots	0.150
85	Kusafuji Knots	0.225
86	Muchi Knots	0.120
87	Chatsubo Chichi-o Knots	0.225
88	Chatsubo Chichi-o Knots	0.225
89	Two-fold Kukurikiri Fringe	0.225
90	One-fold Kukurikiri Fringe	0.450
91	Hitoe Kukurikiri Fringe	0.225
92	Atamakari Yorikaeshi Fringe	0.450
93	Kanamonotsuki Yorikaeshi Fringe	0.520
94	Atama Amiage Yorikaeshi Fringe	0.225
95	Natsumegata Atamakagari Yorikaeshi, Fringe	0.450
96	Metal Ornaments Attached Yorikaeshi Fringe	0.525

SPECIMENS OF FANS TO BE USED IN CEREMONIES.

(H. Department, Group 106, Class 667.)

No. 1 is the imitation of Akome fan, which is said to be made by the wife of Taira no Atsumori, to present it to Buddha, to pray for the happiness of her husband. The

original is treasured in the Mikagedo of Kyoto. No. 2 is the treasure of the Mikagedo also, which is the imitation of the fan belonging to the Emperor Gosakuramachi (1763—1813). No. 3 those used in the Imperial Court. No. 4 by nobles, No. 5 by priest. The shapes and figures of those fans, if adapted to the export articles, there is no doubt, some improvement will be made.

No.	NAME.	VALUE A PIECE.
1	Akome Fan.. .. .	Yen. 25.000
2	Hi Ōgi	15.000
3	Hi Ōgi	15.000
4	Hi Ōgi	0.500
5	Hi Ōgi	0.500

SPECIMENS OF FANS FOR HOME USE.

(H. Department, Group 106, Class 667.)

The fans numbered 6, 8, 11 are used by nobles, Nos. 7, 9, 10 by priest, Nos. 12, 13 by samurai, No. 14 in the time of court foot ball, No. 15 in the time dancing, No. 16 in the time of war (in camp.), No. 17 in ordinary time (in peace).

Round Fans are generally used without classical forms.

FAN.

No.	NAME.	VALUE OF A PIECE.
6	Chūkei	Yen. 3.000
7	Chūkei	2.500
8	Summer Fans	2.000
9	Summer Fans	1.500
10	Setsu do Fans	0.800
11	Palace Fans	1.200
12	Palace Fans	0.500
13	Kodenchiū	0.200
14	Meniawari Fans	2.000
15	Dance Fans.. .. .	3.000
16	Military Fans	3.500
17	Thin Ribbed Fans	0.100

ROUND FANS.

No.	VALUE OF A PIECE.	No.	VALUE OF A PIECE.	No.	VALUE OF A PIECE.
	Yen.		Yen.		Yen.
1	1.500	7	0.180	13	0.100
2	1.600	8	0.150	14	0.040
3	1.000	9	0.250	15	0.120
4	0.380	10	0.015	16	0.040
5	0.060	11	0.150	17	0.100
6	0.060	12	0.100	18	0.150

SPECIMENS OF FANS FOR EXPORT.

(H. Department, Group 100, Class 667.)

As for the revolution of fans it will be convenient if the order is followed.

The fans from No. 1 to No. 13 have prevailed during 1870—78. During that time the outside ribs of white bamboo were painted black with gold lacquering on them, or the ribs were made of bones, or the colour of paper was changed. But as to the shape and size there were no great change. In about 1879—1880 the modification of priests' fan commenced but the old shape yet remained. In about 1883—1884 dancing fans began to be imitated and old shape began to disappear and almost all fans were ornamented with thread. About 1887 the great ribs were made into cloven shape and breadth was widened. (*The old shaped fans having 30 ribs, of which were lessened to 8 or 6.*) The cloven ribs were again divided to 3 or 4 branches; but in the present days, the narrow breadths prevail.

The round fan came into fashion since 1877 and there is not much change. In the following price list, the fans to be sold in more than one hundred are given.

No.	VALUE OF A PIECE.	No.	VALUE OF A PIECE.	No.	VALUE OF A PIECE.
	Yen.		Yen.		Yen.
1	0.045	25	0.150	49	0.830
2	0.055	26	0.200	50	0.300
3	0.050	27	0.220	*51	0.055
4	0.050	28	0.200	52	0.018
5	0.060	29	0.395	53	0.0038
6	0.120	30	0.270	54	0.0050
7	0.080	31	0.085	55	0.040
8	0.150	32	0.170	56	0.075
9	0.070	33	0.100	57	0.040
10	0.135	34	0.100	58	0.045
11	0.060	35	0.250	59	0.035
12	0.500	36	0.280	60	0.200
13	0.300	37	0.250	61	0.100
14	0.180	38	0.130	62	0.035
15	0.135	39	0.300	63	0.120
16	0.135	40	0.190	64	0.075
17	0.180	41	0.190	65	0.120
18	1.300	42	0.270	66	0.060
19	0.050	43	0.200	67	0.050
20	0.180	44	0.330	78	0.065
21	0.300	45	0.300	69	0.070
22	0.300	46	0.600	70	0.965
23	0.100	47	0.530		
24	0.070	48	0.300		

* The figures of 51—70 are the values of Round Fans.

SPECIMENS OF FIGURED LEATHERS.

(H. Department, Group 110, Class 702.)

In the leathers the figures, pictures or plaids are impressed, mostly used in the articles of war, and in pouches. From No. 1 to 60 are used in the articles of war, and from 60 to 90 for pouches.

No.	NAME.	VALUE (1 SUN SQ.)
		Yen.
1	Tempiō Leather	0.010
2	"Hachiman" Letter Figured Leather	0.010
3	Shōhei Leather	0.010
4	Lion Round Figured Leather	0.010
5	Round Floral Figured Leather	0.010
6	Hō-ō Round Figured Leather	0.010
7	Lion Figured Leather	0.010
8	Fudōson Figured Leather	0.010
9	Lion Round Figured Leather	0.010

No.	NAME.					VALUE
						(1 SUN SQ.)
						Yen.
10	Round Figured Picture Leather					0.010
11	Round Floral Figured Leather					0.010
12	Round Floral Figured Leather					0.010
13	Coloured Katsumi Leather					0.010
14	Thunder Figured Leather					0.010
15	Floral Diamond-shaped Figured Leather					0.010
16	Tortoise-shell Shape Figured Leather					0.010
17	Murasaki Leather					0.010
18	Shigeme Knot Leather					0.010
19	Purple Yuwata Leather					0.010
20	Black Yuwata Leather					0.010
21	Yuwata Leather					0.010
22	Variagated Colours Leather					0.010
23	Rope-like Surface Leather					0.010
24	Knotted Rope-like Surface Leather					0.010
25	Okatsumi Leather					0.010
26	Purple Brocade Leather					0.013
27	Tea-coloured Butterfly Figured Leather					0.010
28	Brocade Leather					0.010
29	Small Cherry Flower Figured Leather					0.010
30	Coloured Cherry Flower Figured Leather					0.010
31	Black Small Cherry Flower Figured Leather					0.010
32	Minute Butterfly and Birds Figured Leather					0.010
33	Kakutsumagata Shōbu Leather					0.015
34	Sugitachi Shōbu Leather					0.015
35	Rogan Shōbu Leather					0.015
36	Mapple-tree and Deer Figured Shōbu Leather					0.015
37	Horse Figured Shōbu Leather					0.015
38	Tomoe Figured Shōbu Leather					0.015
39	Butterfly and Birds Figured Leather					0.015
40	Shida Figured Leather					0.010
41	Omodaka Figured Leather					0.010
42	Tea-coloured Katsumi Figured Leather					0.010
43	Cherry and Water Figured Leather.. .. .					0.010
44	Diamond-shaped Chrysanthemum Small Figured Leather.. .. .					0.010
45	Tate Waku Cloud Figured Leather					0.010
46	Ōshiai Chrysanthemum Figured Leather					0.010
47	Wave Figured Leather					0.010
48	Buff-coloured Birds and Flower Figured Leather					0.010
49	Yukiwa Figured Leather					0.010
50	Buff-coloured Old Figured Leather					0.010
51	Chrysanthemum and Kiri Figured Leather.. .. .					0.010
52	Buff-coloured Chrysanthemum Figured Leather					0.010
53	Waves and Chidori Figured Leather					0.010
54	Large Quail Shibori Leather.. .. .					0.250
55	Tea-coloured Quail Shibori Leather.. .. .					0.250
56	Small Quail Shibori Leather.. .. .					0.250
57	Tea-coloured Rope-like Surface Quail Shibori Leather					0.250
58	Uzurauki Leather					0.130
59	Coloured Pine, Bamboo, and Pine Tree Figured Leather					0.010
60	Shokkōgata Figured Leather.. .. .					0.010
61	Peony Flower Figured Leather					0.010
62	Coloured Ōshiai Chrysanthemum Figured Leather.. .. .					0.015
63	Tatewaku Floral Round Figured Leather					0.016

No.	NAME.	VALUE (1 SUN SQ.)
		Yen.
64	Coloured Kodomoe Figured Leather.. ..	0.013
65	Coloured Tomoe Figured Leather	0.013
66	Ancient Figured Leather	0.013
67	Round Fan Sarasa Figured Leather.. ..	0.013
68	Lengthwise Striped Figured Leather	0.013
69	Diamond-shaped Figured Leather	0.013
70	Coloured Cloud Hō-ō Figured Leather	0.013
71	Tea-coloured Flower and Bird Sarasa Figured Leather ..	0.014
72	Tea-coloured Ancient Figured Leather	0.025
73	Tea-coloured Ancient Figured Leather	0.025
74	Tea-coloured Hō-ō Figured Leather.. ..	0.025
75	Old Figured Leather	0.025
76	Kikusui Figured Leather	0.020
77	Waves and Chidori Figured Leather	0.020
78	Old Floral Figured Leather	0.020
79	Water and Rabbit Figured Leather	0.020
80	Water and Tomoe Figured Leather	0.014
81	Kasumi and Chidori Figured Leather	0.014
82	Flower Collection Picture Leather	0.020
83	Kusudama Picture Leather	0.020
84	Couch-shell Collection Picture Leather	0.020
85	Shikishi Picture Leather	0.020
86	Buddha Picture Figured Leather	0.020
87	Hiakunin-shu Picture Leather	0.020
88	Grass Flowers Pictorial Leather	0.020
89	Toys Pictorial Leather	0.020
90	Fan Paper Picture Leather	0.020

SPECIMENS OF METALLIC NETTINGS.

(H. Department, Group 117, Class 742.)

The metallic nettings are greatly used, and the manufactures are accordingly extensive. Of late years architectural changes gradually encroaching, the stoves began to be set and the necessity of stove screen were felt, the demand for the nettings consequently increased. The most substantial and comely ones are shown here below.

No.	VALUE (1 Sun sq.)	No.	VALUE (1 Sun sq.)	No.	VALUE (1 Sun sq.)
	Yen.		Yen.		Yen.
1	0.095	15	0.095	29	0.095
2	0.070	16	0.095	30	0.095
3	0.095	17	0.095	31	0.095
4	0.095	18	0.095	32	0.070
5	0.095	19	0.095	33	0.095
6	0.070	20	0.040	34	0.020
7	0.095	21	0.020	35	0.040
8	0.070	22	0.040	36	0.020
9	0.095	23	0.095	37	0.095
10	0.095	24	0.095	38	0.095
11	0.095	25	0.095	39	0.020
12	0.095	26	0.040	40	0.020
13	0.070	27	0.020	41	0.095
14	0.070	28	0.095	42	0.020

SPECIMENS OF JOINTS IN WOOD WORKS.

(H. Department, Group 117.)

The joints are the most important part in the wood-works. The strength of boxes, tables, door leafs, and frame works etc. depends upon this. The way in which they are applied to is given below, but the price cannot be fixed as it varies according to the size and nature of timbers.

No.	NAME OF JOINTS.	PURPOSE.
1	Chigiri Uchi Hozo.. ..	Boxes.
2	Ippō Tadzuna Hozo	Braziers.
3	Uchi Hozo	Boxes.
4	Masu Hozo.. ..	Small Boxes.
5	Iri Wa	Boxes.
6	Chigiri Hozo	Braziers.
7	Gowai Hozo Iri Wa	Boxes.
8	Orinawashi Chigiri Hozo.. ..	Braziers.
9	Masugumi Hozo	Braziers.
10	Uchinuki Keshi Hozo	Boxes.
11	Orinawashi Yahazn Hozo.. ..	Braziers.
12	Shiinomi Hozo	Small Boxes.
13	Kudaki Arihō Hashibami	Shelf (Lacquered).
14	Uchi Hozo Koguchi Hashibami	Selves (Lacquered).
15	Arizon Ura Hashibami	Kendon (box) and Tables.
16	Uchi Hozo Hashibami	{ All kinds of doors which open on hinges.

No.	NAME OF JOINTS,	PURPOSE.
17	Ichimai Hozo Bintadome	Katamen door frame.
18	Menkoshi Uchikomi Nimai Hozo ..	Door Frames.
19	{ Shikisan Nimai Hozo Uchidashi Tsuba- dome }	Door Kamachi Sarizan.
20	Katamen Hokodome	Frames.
21	Marudome Nimai Hozo	Frames.
22	Sammai Uchidashi Hozo Mengoshi ..	Door Frames.
23	Uchidashi Mengoshi Nimai Hozo ..	Door Frames.
24	Ichimai Kawa Hozo Hakodome	Frames.
25	Marudome Nimai Hakoikaki	Frames.
26	Uwaba Menkoshi Iri Wa Nimai Hozo ..	Fire place Frames.
27	Iri Wa Aridome	Fire place Frames.
28	Marudome Uchikudaki Ari	Frames.
29	Dai Wa Hozo Hana Aridome	Rings of Stands.
30	Nimai Kama Mendome	Door Frames.
31	Ryomen Ichimai Hozo Hakodome ..	Door Frames.
32	Nimai Kama Hozo Mendome	Frames.



